WHAT IS CLAIMED IS:

1. A microcomputer having a built-in nonvolatile memory including:

a communication circuit for receiving a test program for a nonvolatile memory from an external check system; and

a RAM on which said test program is run.

2. The microcomputer having a built-in nonvolatile memory of Claim 1, further including a boot ROM in which a control program for enabling receiving of said test program through said communication circuit and running of said test program on said RAM.

3. A microcomputer having a built-in nonvolatile memory including:

a nonvolatile memory;

a boot ROM;

a RAM;

a CPU for running a program stored in said boot ROM and RAM; and

a communication circuit for controlling a communication with a check system,

said boot ROM having stored a control program for jobs of:

receiving a test program for said nonvolatile memory from said check system to be stored in said RAM at a test command issued from said check system;

running said test program; and

sending a test result to said check system.

4. A check system of a microcomputer having a built-in nonvolatile memory furnished with:

at least one external communication device connected to said microcomputer in such a manner so as to allow a communication in a one-to-one correspondence,

each external communication device including,

a storage device having stored a test program for a built-in nonvolatile memory in said microcomputer, and

a communication microcomputer for sending said test program to said microcomputer.

5. The check system of Claim 4, further furnished with a control computer, connected to a plurality of external communication devices, for intensively controlling a check-up of a plurality of microcomputers each having a built-in nonvolatile memory and connected

to said plurality of external communication devices, respectively.

6. A check system of a microcomputer having a built-in nonvolatile memory furnished with an external communication device including:

a storage device having stored a test program for said microcomputer having a built-in nonvolatile memory;

a communication control circuit for controlling a communication with said microcomputer; and

a communication microcomputer for sending said test program to said microcomputer when checking the built-in nonvolatile memory therein.

7. The check system of Claim 6, further furnished with a control computer, connected to a plurality of external communication devices, for intensively controlling a check-up of a plurality of microcomputers each having a built-in nonvolatile memory and connected to said plurality of external communication devices, respectively.

8. An IC card packing a microcomputer having a built-in nonvolatile memory including:

a communication circuit for receiving a test program

for a nonvolatile memory from an external check system; and

a RAM on which said test program is run.

9. The IC card of Claim 8, further including a boot ROM in which a control program for enabling receiving of said test program through said communication circuit and running of said test program on said RAM.

10. An IC card packing a microcomputer having a built-in nonvolatile memory including:

a nonvolatile memory;

a boot ROM;

a RAM;

a CPU for running a program stored in said boot ROM and RAM; and

a communication circuit for controlling a communication with a check system,

said boot ROM having stored a control program for jobs of:

receiving a test program for said nonvolatile memory from said check system to be stored in said RAM at a test command issued from said check system;

running said test program; and

sending a test result to said check system.

11. A check system of an IC card packing a microcomputer having a built-in nonvolatile memory furnished with:

at least one external communication device connected to said microcomputer packed in said IC card in such a manner so as to allow a communication in a one-to-one correspondence,

each external communication device including,

a storage device having stored a test program for a built-in nonvolatile memory in said microcomputer, and

a communication microcomputer for sending said test program to said IC card.

12. The check system of Claim 11, further furnished with a control computer, connected to a plurality of external communication devices, for intensively controlling a check-up of a plurality of IC cards connected to said plurality of external communication devices, respectively.

13. A check system of an IC card packing a microcomputer having a built-in nonvolatile memory furnished with an external communication device including:

a storage device having stored a test program for a built-in nonvolatile memory in said microcomputer packed in said IC card;

a communication control circuit for controlling a communication with said IC card; and

a communication microcomputer for sending said test program to said IC card when checking said built-in nonvolatile memory.

14. The check system of Claim 13, further furnished with a control computer, connected to a plurality of external communication devices, for intensively controlling a check-up of a plurality of IC cards connected to said plurality of external communication devices, respectively.